
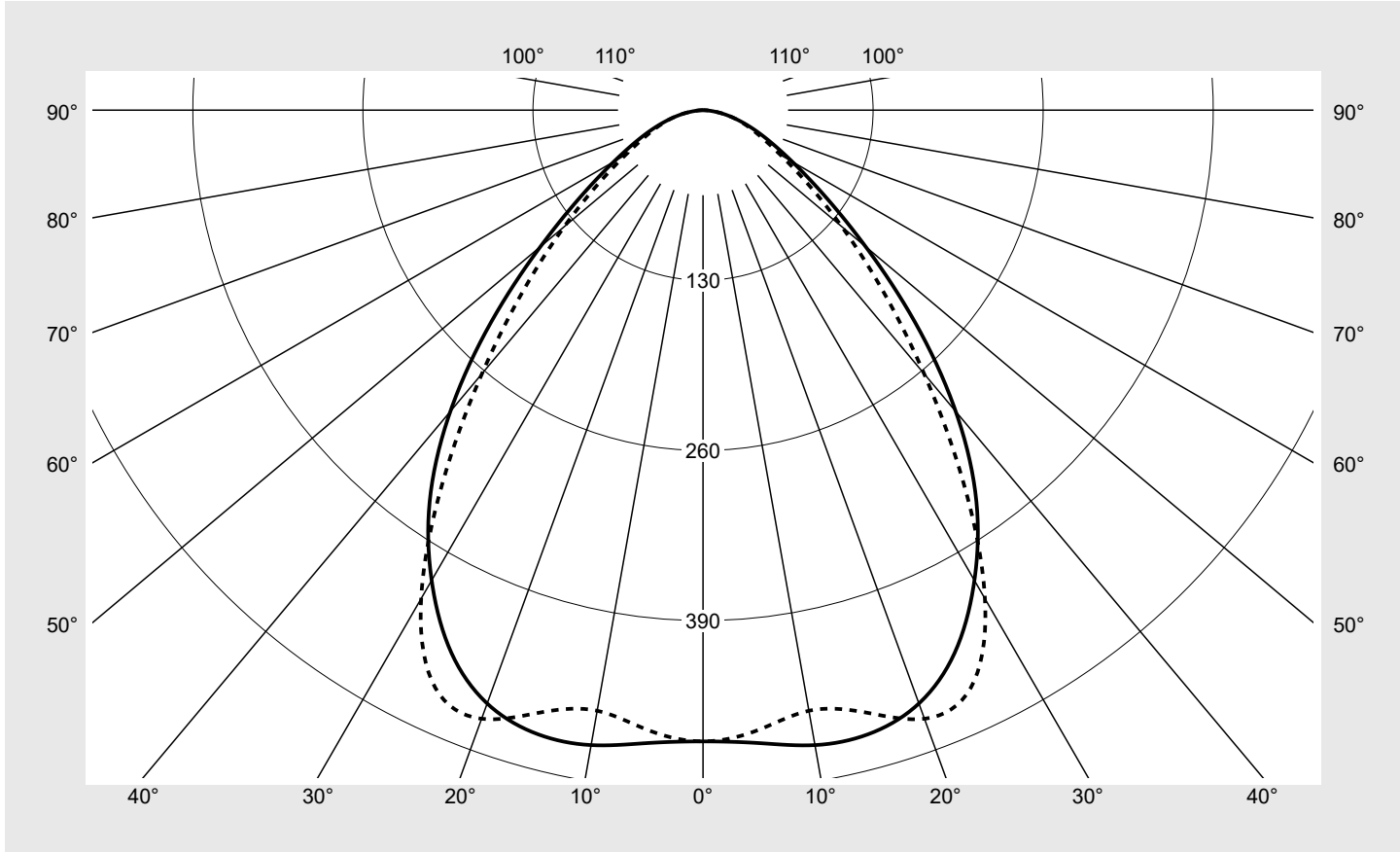


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE12MN4AXG</b> <b>EAN: 4058352929209</b>	<b>LP number</b> <b>58637_204</b>
	<b>Version</b> cover frosted, wide distribution, high visual comfort <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG Multilumen <b>Rated values</b> Net luminous flux = 10290 lm Power consumption = 55.2 W Luminous efficacy = 186.4 lm/W	<b>serial documentation</b> <b>11.10.2023</b>



**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 498 cd/klm**




Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 N3=99 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Licross® 11 Recessed</b>	Order number: <b>51TE12MN4AXG</b> EAN: <b>4058352929209</b>	LP number <b>58637_204</b>
Table of values for luminous intensities		
Maximum luminous intensity		

C-planes $\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

## Photometric test report

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TE12MN4AXG</b> <b>EAN: 4058352929209</b>	<b>LP number</b> 58637_204
---------------------------------------	--	-------------------------------

<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
------------------	----------------------	---------------

Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	22.7	24.2	23.1	24.5	24.8	22.8	24.3	23.2	24.6	24.9
	3H	23.2	24.6	23.6	24.9	25.3	23.4	24.7	23.7	25.0	25.4
	4H	23.5	24.7	23.9	25.1	25.4	23.6	24.8	24.0	25.2	25.6
	6H	23.6	24.8	24.0	25.1	25.5	23.8	24.9	24.2	25.3	25.7
	8H	23.7	24.8	24.2	25.1	25.6	23.9	24.9	24.3	25.3	25.7
	12H	23.8	24.7	24.2	25.1	25.5	23.9	24.9	24.4	25.3	25.7
4H	2H	22.9	24.2	23.3	24.5	24.9	23.0	24.3	23.4	24.6	25.0
	3H	23.6	24.6	24.0	25.0	25.4	23.8	24.8	24.2	25.2	25.6
	4H	23.8	24.8	24.3	25.2	25.6	24.1	25.0	24.5	25.4	25.8
	6H	24.1	24.9	24.5	25.3	25.7	24.4	25.2	24.8	25.6	26.1
	8H	24.1	24.9	24.6	25.3	25.8	24.5	25.2	24.9	25.6	26.1
	12H	24.2	24.8	24.7	25.3	25.8	24.5	25.2	25.0	25.6	26.1
8H	4H	23.9	24.6	24.4	25.1	25.5	24.1	24.9	24.6	25.3	25.8
	6H	24.2	24.7	24.7	25.2	25.7	24.5	25.1	25.0	25.5	26.0
	8H	24.3	24.8	24.8	25.3	25.8	24.6	25.1	25.1	25.6	26.1
	12H	24.3	24.8	24.8	25.3	25.8	24.7	25.1	25.2	25.6	26.2
12H	4H	23.9	24.5	24.4	25.0	25.5	24.1	24.8	24.6	25.2	25.7
	6H	24.2	24.7	24.7	25.2	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.3	24.7	24.8	25.2	25.8	24.6	25.1	25.1	25.6	26.1

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b> <b>B = 58</b>
------------------------	---	--------------------------------------	----------------------------------

C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		38329.8	37853.4	39894.6	43453.9	41342.6	35433.9	32341.6	
50°		29864.1	29319.3	29735.5	31950.2	32114.7	28564.0	25486.1	
55°		23194.7	22267.5	21674.5	23166.0	25083.5	22877.9	20039.1	
60°		18619.0	17301.6	16162.2	17299.7	19788.7	18301.1	16192.0	
65°		15681.9	14037.7	12602.0	13555.5	15898.5	15252.3	13892.5	
70°		13654.9	11924.4	10207.4	11099.6	13065.9	13319.8	12667.9	
75°		11865.6	10064.6	8423.6	9228.8	10907.3	11847.7	11783.8	
80°		10122.9	8294.7	6729.5	7368.4	8823.3	10109.2	10434.8	
85°		7260.3	5873.4	4866.4	5407.9	6401.3	7552.1	7866.9	

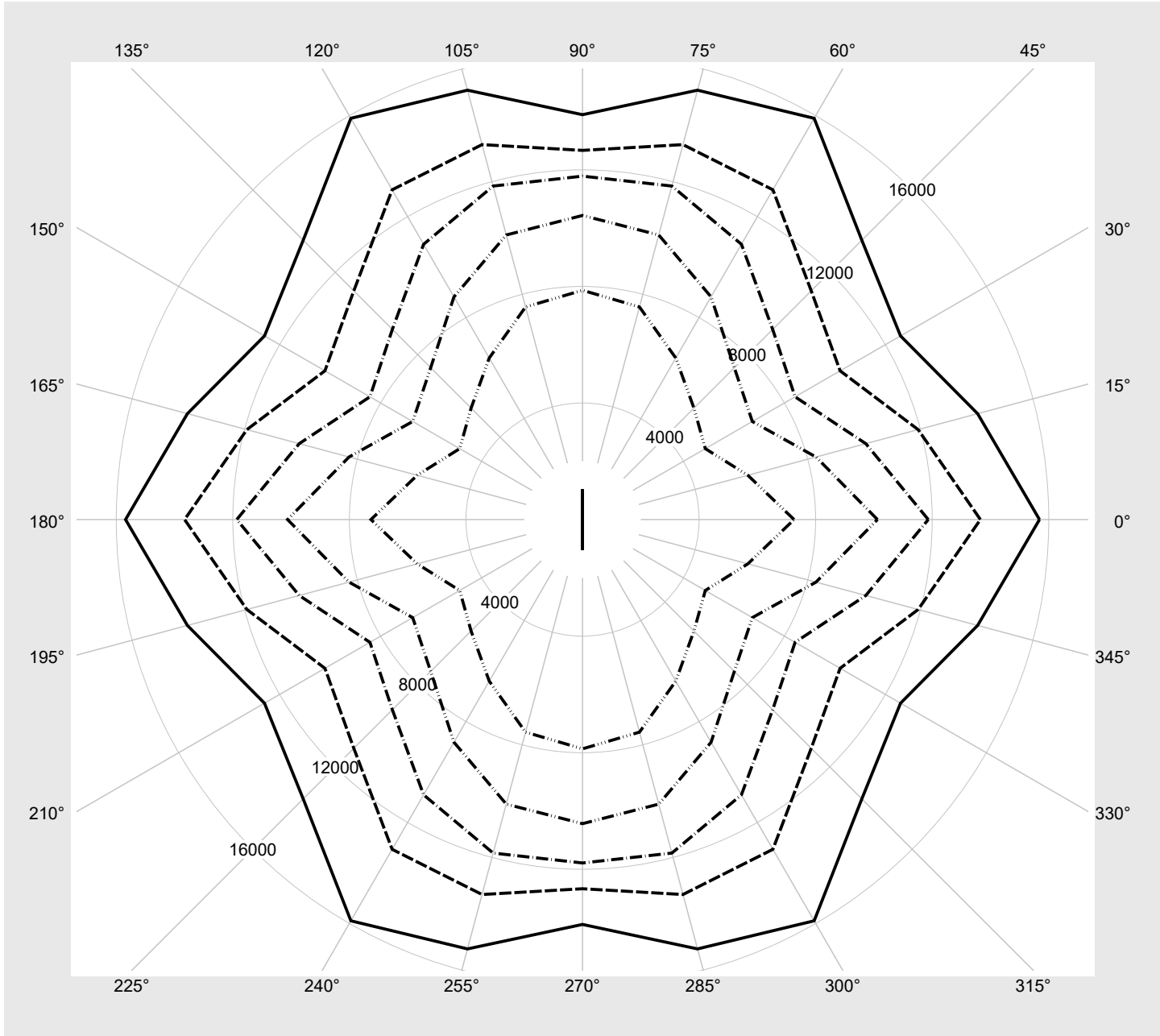
# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE12MN4AXG</b> <b>EAN: 4058352929209</b>	<b>LP number</b> <b>58637_204</b>
--	--	--------------------------------------

**Luminance values in cd/m<sup>2</sup>**

$\gamma$  65°   
   $\gamma$  70°   
   $\gamma$  75°   
   $\gamma$  80°   
   $\gamma$  85°

**siteco**



### Photometric test report

Family <b>Licross® 11 Recessed</b>	Order number: <b>51TE12MN4AXG</b> EAN: <b>4058352929209</b>	LP number <b>58637_204</b>
---------------------------------------	--	-------------------------------

<b>Multilumen Table</b>	environmental temperature: 25°C	<b>sITeco</b>
-------------------------	---------------------------------	---------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	10290	55.2
2	A	C	F	9840	52.5
3	A	D	E	9310	49.3
4	A	D	F	8780	46.2
5	B	C	E	8010	41.7
6	B	C	F	7770	40.4
7	B	D	E	7220	37.4
8	B	D	F	6750	34.8